<table>
<thead>
<tr>
<th>Title of case study</th>
<th>Climate Change and Environmental Risk Atlas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of organization(s)</td>
<td>Maplecroft</td>
</tr>
<tr>
<td>Business sector</td>
<td>Information Technology Services; Consulting and Environmental Services</td>
</tr>
</tbody>
</table>
| Region(s) relevant to case study | All regions  
  - Africa and the Arab States  
  - Asia and the Pacific  
  - Caribbean and Central America  
  - Europe  
  - Least Developed Countries  
  - North America  
  - Polar regions  
  - Small Island Developing States  
  - South America |
| Country(s) relevant to case study | United Kingdom (Maplecroft headquarters), All                            |
| Adaptation sector(s) relevant to case study | Business  
  - Education and training  
  - Food security, agriculture, forestry and fisheries  
  - Human health  
  - Oceans and coastal areas  
  - Science, assessment, monitoring and early warning  
  - Terrestrial ecosystems  
  - Tourism  
  - Transport, infrastructure and human settlements  
  - Water resources  
  - Other (please specify): |
| Adaptation activity         | Maplecroft’s Climate Change and Environmental Risk Atlas provides analysis of the key risks to business in the four areas of: climate change vulnerability and adaptation; emissions and energy use; environmental regulation; and ecosystem services. Interactive maps and indices enable the identification, evaluation and comparison of risks, whilst subnational maps pinpoint vulnerability down to a 25km² scale. |
Maplecroft’s Climate Change Vulnerability Index (CCVI) assesses 193 countries and highlights subnational hotspots of risk. The index is composed of the exposure of countries to climate related natural hazards; the sensitivity of populations in terms of concentration, development, agricultural dependency and conflict. This is then considered in the context of the ability of a country’s government and institutions to adapt, or take advantage of the potential effects of climate change.

The CCVI helps businesses locate and monitor hotspots of risk in both their operational footprint and value chain. Using this information business can strengthen both the resilience of operational sites and improve continuity contingency plans. Building businesses’ capacity to limit the potential impacts of climate change will, in turn, improve the resilience of communities and drive both mitigation and adaptation activities.

Maplecroft’s Climate Change and Environmental Risk Atlas allows businesses to assess the potential risks of climate change, both between and within countries. The greatest insights from Maplecroft’s climate change research are at a subnational level, where risks to towns, cities, economic zones and individual company assets can be identified through interactive maps.

Extreme hotpots of increasing vulnerability are evident where areas of dense and increasing population coincide with areas already exposed to climatic hazards. The identification of these key risk locations can enable business to monitor and manage the potential risks in their operations, supply chains and distribution networks associated with a changing climate.

Maplecroft provides a range of services to its clients to further investment decision-making and promote increased customer confidence, including impact assessment, benchmarking and rating, gap analysis, vulnerability mapping, risk calculation, ethical supply chains and stakeholder engagement.

### Cost-benefit

**Click for further information on Maplecroft**  
**Click for further information on the Climate Change and Environmental Risk Atlas**
Disclaimer: These business cases have been cited to raise awareness about the engagement of the private sector in climate change adaptation. The information in the business cases has been provided either directly by the organization or obtained from a public source. The UNFCCC secretariat has not verified the information and takes no responsibility for it. Users are therefore advised to verify the information before they take any action relying on the information provided in the business cases.

Source: http://maplecroft.com